

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	OPTIMAL SPREADER SYSTEM, DEVICE AND METHOD FOR FLUID COOLED MICRO-SCALED HEAT EXCHANGE					
Application Number :	10/698180					
Confirmation Number:	9903					
First Named Applicant:	Girish Upadhyा					
Attorney Docket Number:						
Art Unit:						
Examiner:						
Search string:			(4203448 or 4235285 or 4345267 or 4716494 or 4978638 or 5397919 or 5886870 or 6021045 or 6347036 or 6449157 or 6449162 or 6459582).pn			
Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:						
That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.						
US Patent Documents						
Note: Applicant is not required to submit a paper copy of cited US Patent Documents						
Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class
✓	1	4203448	1980-05-20	Johnson et al.		42034488
	2	4235285	1980-11-25	Johnson et al.		
	3	4345267	1982-08-17	Corman et al.		
	4	4716494	1987-12-29	Bright et al.		
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✓	10	6449157	2002-09-10	Chu	B1	
✓	11	6449162	2002-09-10	Corbin, Jr. et al.	B1	
✓	12	6459582	2002-10-01	Ali et al.	B1	

8/30 T.T.

Signature

Examiner Name	Date
<i>DR. C. V. Upadhyā</i>	<i>9/2/07</i>

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Search string:	(5043797 or 5490117 or 5740013 or 5768104 or 5921087 or 6366467 or 6459581 or 6600220 or 6743664 or 20020121105 or 20030121274 or 20040040695 or 20040052049 or 20040089008 or 20040125561 or 20040160741 or 20040188069).pn)																																																																																					
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<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>✓</td><td>1</td><td>5043797</td><td>1991-08-27</td><td>Lopes</td><td></td><td>—</td><td>—</td></tr><tr><td>✓</td><td>2</td><td>5490117</td><td>1996-02-06</td><td>Oda et al.</td><td></td><td>—</td><td>—</td></tr><tr><td>✓</td><td>3</td><td>5740013</td><td>1998-04-14</td><td>Roesner et al.</td><td></td><td>—</td><td>—</td></tr><tr><td>✓</td><td>4</td><td>5768104</td><td>1998-06-16</td><td>Salmonson et al.</td><td></td><td>—</td><td>—</td></tr><tr><td>✓</td><td>5</td><td>5921087</td><td>1999-07-13</td><td>Bhatia et al.</td><td></td><td>—</td><td>—</td></tr><tr><td>✓</td><td>6</td><td>6366467</td><td>2002-04-02</td><td>Patel et al.</td><td>B1</td><td>—</td><td>—</td></tr><tr><td>✓</td><td>7</td><td>6459581</td><td>2002-10-01</td><td>Newton et al.</td><td>B1</td><td>—</td><td>—</td></tr><tr><td>✓</td><td>8</td><td>6600220</td><td>2003-07-29</td><td>Barber et al.</td><td>B2</td><td>—</td><td>—</td></tr><tr><td>✓</td><td>9</td><td>6743664</td><td>2004-07-01</td><td>Liang et al.</td><td>B2</td><td>—</td><td>—</td></tr></tbody></table>							init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	✓	1	5043797	1991-08-27	Lopes		—	—	✓	2	5490117	1996-02-06	Oda et al.		—	—	✓	3	5740013	1998-04-14	Roesner et al.		—	—	✓	4	5768104	1998-06-16	Salmonson et al.		—	—	✓	5	5921087	1999-07-13	Bhatia et al.		—	—	✓	6	6366467	2002-04-02	Patel et al.	B1	—	—	✓	7	6459581	2002-10-01	Newton et al.	B1	—	—	✓	8	6600220	2003-07-29	Barber et al.	B2	—	—	✓	9	6743664	2004-07-01	Liang et al.	B2	—	—
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Receipt date: 01/30/2008

10698180 - GAU: 3744
Sheet 1 of 1

FORM PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: COOL-00800	Serial No.: 10/698,180
JAN 30 2008 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary) (37 CFR § 1.98(b))		Applicants: Girish Upadhyay et al.		
		Filing Date: October 30, 2003		Group Art Unit: 3744

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						Yes	No
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	AP						
	AQ						

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Examiner: /Ljiljana Ceric/ (08/01/2008) Date Considered: 08/01/2008

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Receipt date 03/21/2008

10698180 - GAU: 3744

Sheet 1 of 1

FORM PTO-449 (Modified)	449 MAR 21 2008	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: COOL-00800	Serial No.: 10/698,180
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary) (37 CFR § 1.98(b))			Applicants: Girish Upadhyay et al.	
			Filing Date: October 30, 2003	Group Art Unit: 3744

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	AT						
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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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						Yes	No
	AV						
	AW						
	AX						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

AY	
AZ	
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Examiner: /Ljiljana Ceric/ (08/01/2008) Date Considered: 08/01/2008

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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6/30/1992

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Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10698180
Filing Date	2003-10-30
First Named Inventor	Girish Upadhyा
Art Unit	3744
Examiner Name	Ciric, Ljiljana V.
Attorney Docket Number	COOL-00800

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